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M 06.1 (569)

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRARY, 1943

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STATISTICS DIVISION

FEBRUARY 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	68.3	68.5	69.8	68.9	13.4	8.6	9.8	12.6	9.4	10.6
2	9.1	6.8	5.6	7.2	14.0	8.9	11.6	11.0	12.9	11.8
3	4.8	4.5	5.8	5.0	14.8	9.9	10.8	14.5	10.7	12.0
4	5.2	4.7	5.0	5.0	17.3	11.5	14.1	14.3	13.9	14.1
5	6.5	6.3	7.8	6.9	16.9	10.7	13.2	15.9	13.3	14.1
6	68.2	67.6	66.8	67.5	17.1	10.0	12.7	15.7	12.6	13.7
7	3.9	1.7	1.7	2.4	16.1	10.9	12.9	15.4	11.7	13.3
8	1.6	2.4	4.9	3.0	13.8	8.4	12.8	12.7	10.8	12.1
9	7.0	5.7	6.7	6.5	13.8	8.3	11.3	13.1	10.0	11.5
10	6.1	3.9	4.0	4.7	14.7	10.7	12.2	13.9	11.3	12.5
11	68.6	63.3	62.4	63.1	17.5	12.9	13.3	15.9	14.1	14.4
12	1.4	58.0	58.3	59.2	21.1	12.5	16.0	18.0	17.1	17.0
13	57.6	7.0	8.8	7.8	16.4	10.6	12.8	14.6	11.5	13.0
14	61.2	61.6	63.2	62.0	15.4	11.3	11.3	13.7	12.2	12.4
15	4.4	4.0	4.8	4.4	17.9	11.2	14.4	17.3	13.4	15.0
16	63.3	62.5	63.9	63.2	18.0	11.7	14.1	16.9	13.3	14.8
17	7.1	6.5	7.3	7.0	17.4	11.1	15.2	16.7	13.3	15.1
18	6.1	4.4	4.0	4.8	18.0	12.2	13.3	16.6	13.4	14.4
19	1.6	59.5	0.4	0.5	18.0	11.4	13.3	15.8	12.7	13.9
20	0.1	9.8	0.4	0.1	15.2	8.4	14.3	12.2	9.7	12.1
21	61.5	59.2	58.7	59.8	13.7	8.1	10.4	13.0	9.3	10.9
22	55.4	3.7	4.1	4.4	13.1	8.4	11.4	10.1	9.1	10.2
23	6.8	7.1	8.5	7.5	15.6	10.3	11.9	14.8	12.9	13.2
24	60.1	9.8	62.5	60.8	16.5	9.1	13.5	15.5	9.8	12.9
25	3.6	63.3	4.5	3.8	16.1	8.2	13.9	12.1	9.7	11.9
26	63.9	63.0	63.9	63.6	12.7	5.9	8.2	12.1	7.3	9.2
27	4.2	4.2	5.4	4.6	12.6	9.5	10.9	10.1	9.7	10.2
28	4.7	4.8	6.0	5.2	14.1	8.3	12.7	13.6	9.4	11.9
	63.47	62.63	63.40	63.17	15.75	9.89	12.58	14.21	11.58	12.79

Barometer, range for month 769.8 – 753.7 mm.
,, 62-yr. average for month 762.10 mm.
Thermometer, range for month 21.1° – 5.9° C.
,, 62-yr. average for month 14.28° C.
Rain, total for month 109.72 mm.
,, , 62-yr. average for month 161.29 mm.
,, , total, from Sept. 1st 867.92 mm.
62-yr. average, total from Sept 1st 715.52 mm.

FEBRUARY 1943
METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	6.6	7.2	6.6	6.8	72	66	75	71	8.4	400.0	0.25
2	7.0	9.2	8.3	8.2	69	94	75	79	2.6	352.0	3.81
3	8.8	8.7	7.6	8.4	91	70	80	86	9.3	520.0	12.45
4	8.9	10.3	8.3	9.2	74	84	71	76	4.3	688.0	0.25
5	10.0	10.3	8.9	9.7	88	78	77	81	5.2	256.0	4.32
6	8.2	9.9	9.1	9.1	75	74	83	77	3.6	358.4	
7	7.8	9.2	8.5	8.5	70	70	82	74	7.8	416.0	
8	8.7	8.3	6.1	7.7	80	76	63	73	6.2	646.4	1.27
9	6.4	6.9	6.8	6.7	64	62	75	67	9.4	345.6	0.25
10	6.9	8.3	8.0	7.7	56	76	80	72	6.5	376.0	
11	8.1	9.8	9.9	9.3	71	73	83	76	5.9	224.0	
12	11.4	10.8	12.1	11.4	84	70	84	79	0.0	608.0	0.51
13	10.8	10.5	8.7	10.0	98	85	87	90	5.8	520.0	15.24
14	9.8	10.7	9.9	10.1	97	92	93	94	4.6	432.0	26.93
15	8.7	10.1	10.5	9.8	71	69	91	77	9.4	544.0	
16	8.3	11.7	9.8	9.9	70	81	86	79	5.0	288.0	1.52
17	9.8	10.6	9.9	10.1	76	75	86	79	9.8	153.6	
18	8.9	10.3	9.8	9.7	78	74	85	79	1.6	200.0	
19	9.2	10.8	9.5	9.8	81	82	87	83	2.8	256.0	
20	9.0	7.3	5.8	7.4	74	69	65	69	2.8	928.0	
21	5.6	6.3	6.5	6.1	60	53	74	63	9.7	360.0	
22	6.6	8.5	7.9	7.7	66	93	92	84	4.3	272.0	7.11
23	7.9	9.6	8.3	8.6	77	77	74	76	5.7	952.0	2.79
24	8.5	8.5	8.6	8.5	73	65	96	78	7.8	744.0	4.06
25	8.4	9.6	8.7	8.9	71	91	96	86	6.3	440.0	5.84
26	7.8	7.4	7.5	7.6	94	70	99	88	1.3	616.0	12.45
27	6.2	9.1	7.4	7.6	64	99	83	82	0.4	672.0	10.16
28	6.4	6.9	6.5	6.6	60	59	73	64	9.8	624.0	
	8.23	9.17	8.41	8.61	75.5	75.8	81.9	77.7	5.58	464.00	3.91

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

FEBRUARY 1943

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:300	20:30		
1	1cu	1cu	1cu	1.0	2se	1n	1n	slight	
2	9cu	8ni	10ni	9.0	2se	1se	2sw	„	
3	0	4cu	0	1.3	0	1sw	1sw	„	
4	10cu	10cu	8cu	9.3	2sw	2sw	2sw	„	
5	6cu	2cu	2cu	3.3	0	1sw	0	„	
6	8cu	7cu	0	5.0	1nw	1nw	1nw	slight	
7	2ci	0	0	0.7	0	1nw	1nw	„	
8	9ci	3cu	2cu	3.7	2nw	3ne	2ne	mod.	
9	2cu	0	1cu	1.0	1se	1nw	1ne	slight	
10	0	10cu	8cu	6.0	1se	2sw	1se	„	haze a.m.
11	0	10cu	8cu	6.0	1se	1n	0	slight	tr. of rain p.m.
12	10cu	10cu	10ni	10.0	2ne	2sw	1se	mod.	„ „ „ a.m.
13	10ni	5cu	3cu	6.0	2w	1ne	1ne	„	
14	9ni	10ni	8cu-ni	9.0	1sw	1sw	1sw	rough	
15	1cu	1cu	5cu	2.3	1s	2sw	0	slight	dew a.m.
16	0	8cu	10ni	6.0	0	1n	1n	slight	2 th. st. p.m.
17	1cu	0	0	0.3	0	0	1nw	„	
18	10cu	8ci	10cu	9.3	0	1nw	1nw	„	
19	10cu	10cu	1cu	7.0	0	1sw	1ne	„	a.m.
20	8cu	10cu	9cu	9.0	0	6nw	3n	rough	sudden G at 10:30
21	0	0	8ci	2.7	0	2n	0	slight	
22	7cu	10ni	10ni	9.0	2sw	0	0	„	
23	9cu	10cu	3cu	7.3	1s	1nw	5ne	mod.	
24	2cu	5cu	10ni	5.7	2n	5sw	0	rough	
25	1cu	1cu	10ni	4.0	1sw	1ne	1sw	slight	
26	10ni	9cu	10ni	9.7	0	1nw	0	mod.	W. all a.m.
27	8cu	10ni	8cu	8.7	4nw	1s	0	rough	
28	3cu	3cu	0	2.0	2nw	3nw	1nw	slight	
				5.51					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	1	0	5	2	4	1	4	10	28
14:30	4	3	0	1	1	9	0	8	2	28
20:30	3	5	0	2	0	5	0	5	8	28
Totals	8	9	0	8	3	18	1	17	20	84

Number of days with rain 17, fog 0, thunderstorms 1, gale 1.

62 yr. av. days with rain during month 14.0 days